

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-010581**Date Inspected:** 03-Dec-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name: Zhu zhong hai
Inspected CWI report: Yes No N/A
Electrode to specification: Yes No N/A
Qualified Welders: Yes No N/A
Approved Drawings: Yes No N/A

CWI Present: Yes No
Rod Oven in Use: Yes No N/A
Weld Procedures Followed: Yes No N/A
Verified Joint Fit-up: Yes No N/A
Approved WPS: Yes No N/A
Delayed / Cancelled: Yes No N/A

Bridge No: 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.

BAY#13

FCAW welding of weld joint 1G-007 located on PCMK SEG069* of 11CW welder is identified as 048038.ZPMC QC is identified as Mr.Zhang Qiao . The welding variables recorded by QC appeared to Comply with the WPS-B-T-2231-T-2.

FCAW welding of weld joint 2G-247 located on PCMK SSD18A-PP100 of 11BE welder is identified as 050242. ZPMC QC is identified as Mr. Gui xing hui. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2232-TC-U4b-F.

FCAW welding of weld joint 3G-009 located on PCMK SSD19-PP95 of 11AE welder is identified as 055564. ZPMC QC is identified as Mr. Gui xing hui. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2232-B-U2-F.

Visual inspection of weld joint fit up dimension and ceramic backing bar checked of 11CW the weld number is identified as SEG069*-004 with ZPMC QC Mr.Guo xing hui and recorded.

Witnessed of ongoing Edge heat straightening of Deck panel DP103A and DP157A of segment 11AW Temperature, Dimension checked as per Temporary heat straightening report HSR-7948.

WELDING INSPECTION REPORT

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BAY#14

SAW welding of weld joint 1G-001 located on PCMK SEG3005A of 12BW welder is identified as 045265.ZPMC QC is identified as Mr.Xu tao. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2221-B-L2C-S-2.

FCAW welding of weld joint 2G-059 located on PCMK SEG63D welder is identified as 045175.ZPMC QC is identified as Mr. Xu tao. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2231-TC-U4b-F.

FCAW welding of weld joint 3G-045 located on PCMK SEG63D of 10CW welder is identified as 202122.ZPMC QC is identified as Mr. Li ming yang. The welding variables recorded by QC appeared to Comply with the WPS-B-T-4233-TC-U4b-2.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.



Summary of Conversations:

No relevant Conversation.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang-15--0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Kumar,Chadra	Quality Assurance Inspector
Reviewed By:	Patterson,Rodney	QA Reviewer
